

High Power Polarization Maintaining Isolator 2W

Features

Low insertion loss
High return loss and Isolation
Excellent environmental stability

Application

Laboratory investigation
Fiber laser
Optical fiber amplifier

Specifications

Parameter	Unit	Value
Center Wavelength	nm	1064 or Specify
Operating Wavelength Range	nm	±10
Typ.Insertion Loss @23℃	dB	1.7
Max.Insertion Loss @23℃,and Input 300mw	dB	2.0
Max.Insertion Loss @23℃,and Input 1w	dB	2.5
Max.Insertion Loss @23℃,and Input 2w	dB	3.0
Min.Isolation @23℃, λc	dB	25
Min.Extinction Ratio (Input to Output)	dB	20
Min.Return loss (Input/Output)	dB	50/50
Max.Average Power handling	W	2 or Specify
Max.Peak Power for ns Pulse	Kw	10
Operating temperature	℃	10~+50
Storage temperature	℃	0~+60
Package Dimensions	mm	33(L)x17(W)x11.5(H)

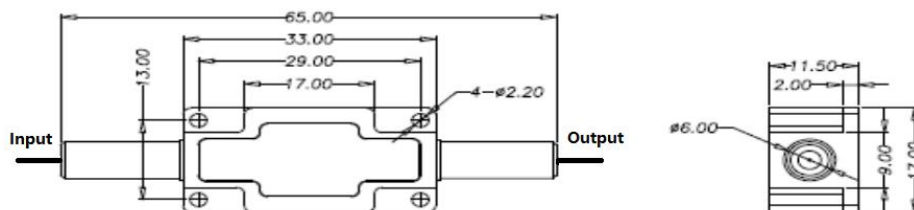
* Above Specifications are for device without connector

* For device with connector, the IL will be 0.3dB higher,ER will be 2dB lower and RL will be 5dB lower

* The max handling power will be only 1W guaranteed

* The material must be ROHS compliant

Package dimensions



Ordering information

HPMI-①①①①-②②-③-④-⑤-⑥-⑦

①①①①:Wavelength

1064 - 1064nm

1030 - 1030nm

SSSS - Specify

②②:Handling Power

05 - 5W

10 - 10W

SS - Specify

③:Fiber Jacket

B - 250 μm Bare Fiber

L - 900 μm Loose Tube

S - Specify

④: Connector Type

N - None

S - Specify

⑤:Fiber Length

1.0 - 1.0m

S - Specify

⑥: Working Axis

F - Fast axis blocked

B - Both Axes Working

⑦:Fiber Type

1 - PM-980

2 - Nufern FUD-3460

S - Specify